



Segment Ring Light

RL2-S40

**MADE
IN
GERMANY**

- Homogeneous illumination in the entire working range
- Perfect incident light for applications with cameras and lenses in machine vision
- Flicker-free lighting for photographs and video
- Brightness adjustable from 0 to 100%
- Four switchable segments with variable rotation speed
- Various light colors and color temperatures available
- Variable clamping diameter, adaptable with reducing rings
- Compact and stable aluminium housing



Technical Data

Number of LEDs	24
Brightness control	continuous adjusting 0 - 100% (4 segments with different rotation modes)
Power consumption	approx. 5 W
Input power supply	100 - 240 V AC, 50/60 Hz
Output power supply	24 V DC, 1 A
Height	25 mm
Outer diameter	58 mm
Inner diameter	35 mm (RL2-25), 38,5 mm (RL2-50)
Clamping diameter	max. 40 mm
Inner thread	M35,5 × 0,5 (RL2-25), M39 × 0,5 (RL2-50)
Length supply line	0,85 m
Length power cord	1,40 m
Material	anodized aluminium
Color	titanium
Weight	approx. 60 g
Dimensions control unit (l × w × h)	135 mm × 70 mm × 44 mm

Versions

100-011963	RL2-25-S40 PW	pure white (6.500 K), working distance 15 mm - 50 mm (optimal 25 mm)
100-011962	RL2-25-S40 NW	natural white (5.600 K), working distance 15 mm - 50 mm (optimal 25 mm)
100-011961	RL2-25-S40 WW	warm white (3.500 K), working distance 15 mm - 50 mm (optimal 25 mm)
100-011960	RL2-25-S40 R	red (620 nm), working distance 15 mm - 50 mm (optimal 25 mm)
100-011959	RL2-25-S40 G	green (540 nm), working distance 15 mm - 50 mm (optimal 25 mm)
100-011958	RL2-25-S40 B	blue (470 nm), working distance 15 mm - 50 mm (optimal 25 mm)
100-011957	RL2-25-S40 A	amber (590 nm), working distance 15 mm - 50 mm (optimal 25 mm)
100-011970	RL2-50-S40 PW	pure white (6.500 K), working distance 30 mm - 150 mm (optimal 50 mm)
100-011969	RL2-50-S40 NW	natural white (5.600 K), working distance 30 mm - 150 mm (optimal 50 mm)
100-011968	RL2-50-S40 WW	warm white (3.500 K), working distance 30 mm - 150 mm (optimal 50 mm)
100-011967	RL2-50-S40 R	red (620 nm), working distance 30 mm - 150 mm (optimal 50 mm)
100-011966	RL2-50-S40 G	green (540 nm), working distance 30 mm - 150 mm (optimal 50 mm)
100-011965	RL2-50-S40 B	blue (470 nm), working distance 30 mm - 150 mm (optimal 50 mm)
100-011964	RL2-50-S40 A	amber (590 nm), working distance 30 mm - 150 mm (optimal 50 mm)

Accessories

100-010995	Diffusor disc	for RL2-25 Series
100-010994	Diffusor disc	for RL2-50 Series
100-010713	Reducing ring	40 mm → 28 mm
100-009229	Reducing ring	40 mm → 30 mm
100-009230	Reducing ring	40 mm → 32 mm
100-009238	Reducing ring	40 mm → 34 mm
100-010712	Reducing ring	40 mm → 36 mm
100-010711	Reducing ring	40 mm → 38 mm